

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

Claims 1-18 (Cancelled)

19. (Currently Amended) A measuring chip for separating and measuring a target component in a sample by rotation around a first axis and a second axis of rotation, comprising:

a centrifugal separation tube for centrifugally separating the target component from the sample by rotating the measuring chip around the first axis of rotation;

a first holding section provided in the bottom of the centrifugal separation tube, wherein non-target components in the sample are introduced therein by rotation around the first axis of rotation, and the first holding section holding the non-target components during rotation around the second axis of rotation; and

a plurality of measuring sections that measure the target component introduced from the centrifugal separation tube by rotation around the second axis of rotation;

wherein a first stage measuring section ~~amongst of~~ of the plurality of measuring sections is connected with one end of the centrifugal separation tube, a measuring section after the first stage measuring section is connected to ~~the~~ a preceding one of the stage measuring sections so as to introduce the target component into ~~the~~ a following one of the stage measuring sections from the preceding one of the stage measuring sections, ~~and the volume of the following stage measuring section is smaller than the volume of the preceding stage measuring section.~~

20. (Original) The measuring chip according to Claim 19, wherein the measuring chip further comprises removing tubes connected to each of the measuring sections; and

each extension line of each of the removing tubes intersects with the first axis of rotation.

21. (Currently Amended) The measuring chip according to Claim 19, wherein the first stage measuring section of the plurality of measuring sections has a measuring section connecting tube that connects the centrifugal separation tube and the measuring section;

each of the measuring sections after the following one of the stage measuring sections has a measuring section connecting tube that connects the preceding one of the stage measuring sections and the following stage measuring section; and

an extension line of the measuring section connecting tube of the first stage measuring section and extension lines of each of the measuring section connecting tubes of the measuring sections after the following one of the stage measuring sections intersect at the second axis of rotation.

22. (Currently Amended) A test chip for determining a target component in a sample by rotation around a first axis and a second axis of rotation, comprising:

a centrifugal separation tube that centrifugally separates the target component from the sample by rotating the measuring chip around the first axis of rotation;

a first holding section provided in the bottom of the centrifugal separation tube, wherein non-target components in the sample are introduced in the first holding section by rotation around the first axis of rotation, and the first holding section holds the non-target components during rotation around the second axis of rotation;

a measuring section connected to one end of the centrifugal separation tube that measures the target components introduced from the centrifugal separation tube by rotation around the second axis of rotation;

at least one reagent reservoir that stores a reagent therein;

a mixing section connected with the reagent reservoir and the measuring section such that the reagent reservoir is located radially inward from the mixing section relative to both the first axis of rotation and the second axis of rotation, the mixing section mixing the target component introduced from the measuring section by means of another rotation around the first axis of rotation, with the reagent introduced from the reagent reservoir by rotation around the first axis of rotation and/or the second axis of rotation;

a photodetection path connected to the mixing section, the photodetection path passing a mixed substance obtained by mixing the reagent and the target component;
a light inlet connected with the photodetection path, the light inlet introducing light into the photodetection path; and
a light outlet connected with the photodetection path, the light outlet removing light after passing through the interior of the photodetection path.

23. (Currently Amended) A test chip for determining a target component in a sample by rotation around a first axis and a second axis of rotation, comprising:

a centrifugal separation tube that centrifugally separates the target component from the sample by rotating the measuring chip around the first axis of rotation;

a first holding section provided in the bottom of the centrifugal separation tube, wherein non-target components in the sample are introduced into the first holding section by rotation around the first axis of rotation, and the first holding section holds the non-target components during rotation around the second axis of rotation; and

a plurality of determining sections that measure the target component introduced from the centrifugal separation tube by rotation around the second axis of rotation;

wherein each of the plurality of determining sections comprise:

a measuring section;

at least one reagent reservoir that stores a reagent therein;

a mixing section connected with the reagent reservoir and the measuring section, the mixing section mixing the target component introduced from the measuring section by means of another rotation around the first axis of rotation, with the reagent introduced from the reagent reservoir by rotation around the first axis of rotation and/or on the second axis of rotation;

a photodetection path connected with the mixing section, the photodetection path passing a mixture of the reagent and the target component;

a light inlet connected with the photodetection path, the light inlet introducing light into the photodetection path; and

a light outlet connected with the photodetection path, the light outlet removing the light after passing through the interior of the photodetection path;

wherein

a measuring section of a first ~~stage~~ determining section ~~amongst~~ of the plurality of determining sections is connected with one end of the centrifugal separation tube;

a measuring section of a second determining section of the plurality of determining sections after the first ~~stage~~ determining section is connected with a measuring section of a preceding ~~stage~~ another of the determining sections, so that the target component is introduced into the measuring section of ~~the~~ a following stage one of the determining sections from the measuring section of the preceding ~~stage~~ one of the determining sections; ~~and~~
~~the volume of the measuring section of the following stage determining section is smaller than the volume of the measuring section of the preceding stage determining section.~~

24. (Original) The test chip according to Claim 23, wherein the test chip further comprises a removing tube that connects each of the measuring sections and each of the mixing sections of the determining sections, and each extension line of each of the removing tubes intersects with the first axis of rotation.

25. (Currently Amended) The test chip according to Claim 23, wherein the measuring section of the first ~~stage~~ determining section has a measuring section connecting tube that connects the centrifugal separation tube with the measuring section of the determining section;

each of the measuring sections of the plurality of determining sections ~~after the following stage~~ has a measuring section connecting tube that connects the measuring section of the preceding ~~stage~~ one of the plurality of the determining sections with the measuring section of the following ~~stage~~ one of the plurality of the determining sections; and

an extension line of the measuring section connecting tube of the measuring section of the first ~~stage~~ determining section, and each extension line of each of the measuring section connecting tubes of the measuring sections of the determining sections ~~after the following stage~~ intersect with the second axis of rotation.

26. (Original) The test chip according to Claim 22 or 23, wherein the test chip further comprises a sampling needle connected with the centrifugal separation tube, the

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sampling needle serving to extract the sample.

27. (Cancelled)

28. (Cancelled)